

Figure 1

Amino Acid Sequence of EP01 (SEQ ID NO:1)

F G KREQAEEERYFRAQSREQLAAL

The underlined section of the peptide corresponds to motif $JJZX_aZ_bJX_cJXJXJXZ$

Amino Acid Sequence of EP02 (SEQ ID NO:4)

G M D E L S E E D K L T V S R A R K I Q R F

The underlined section of the peptide corresponds to motif $ZZZJXXXXJXJJXXJ$

Amino Acid Sequence of EP03 (SEQ ID NO:7)

S L Q D I I A I L G M D E L S E E D K L T C

The underlined section of the peptide corresponds to motif $ZZZJXXX$

Figure 2

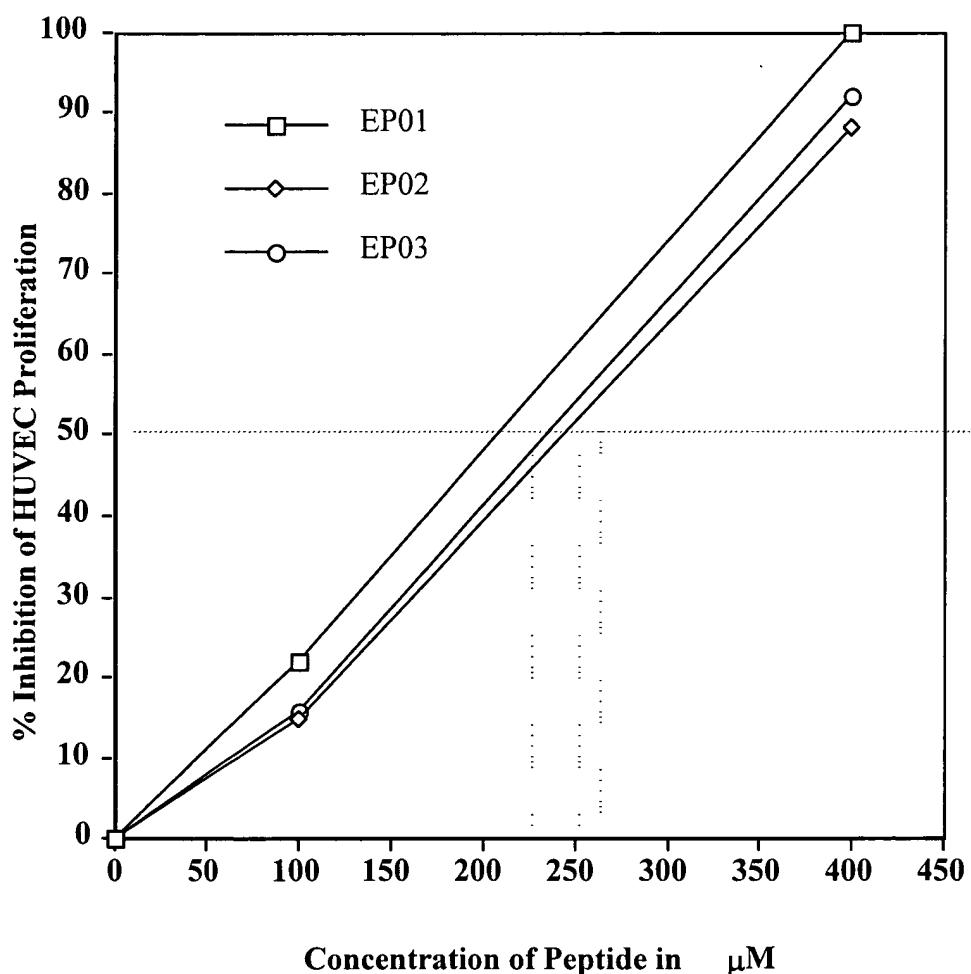


Figure 3A

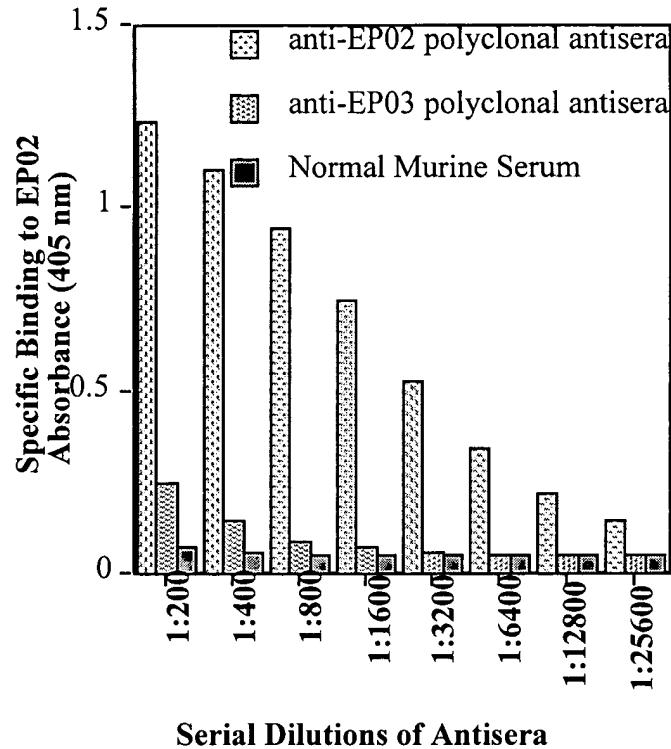


Figure 3B

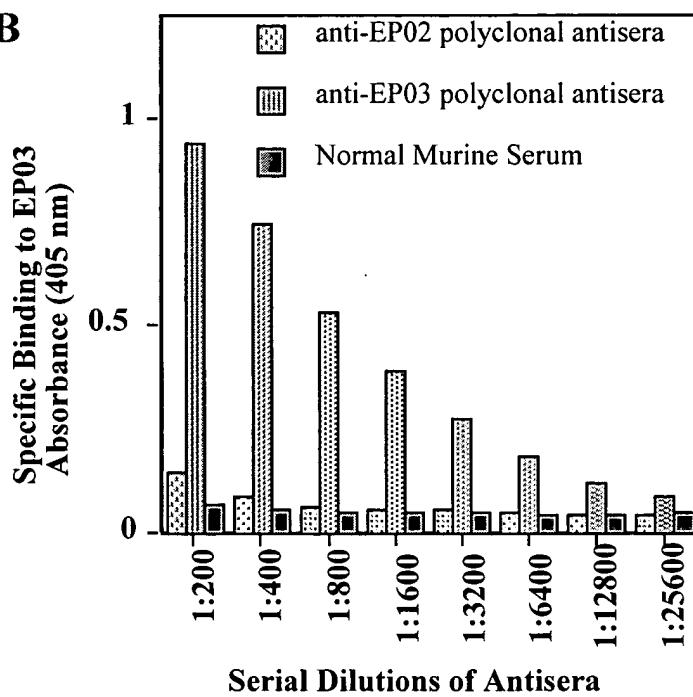


Figure 4

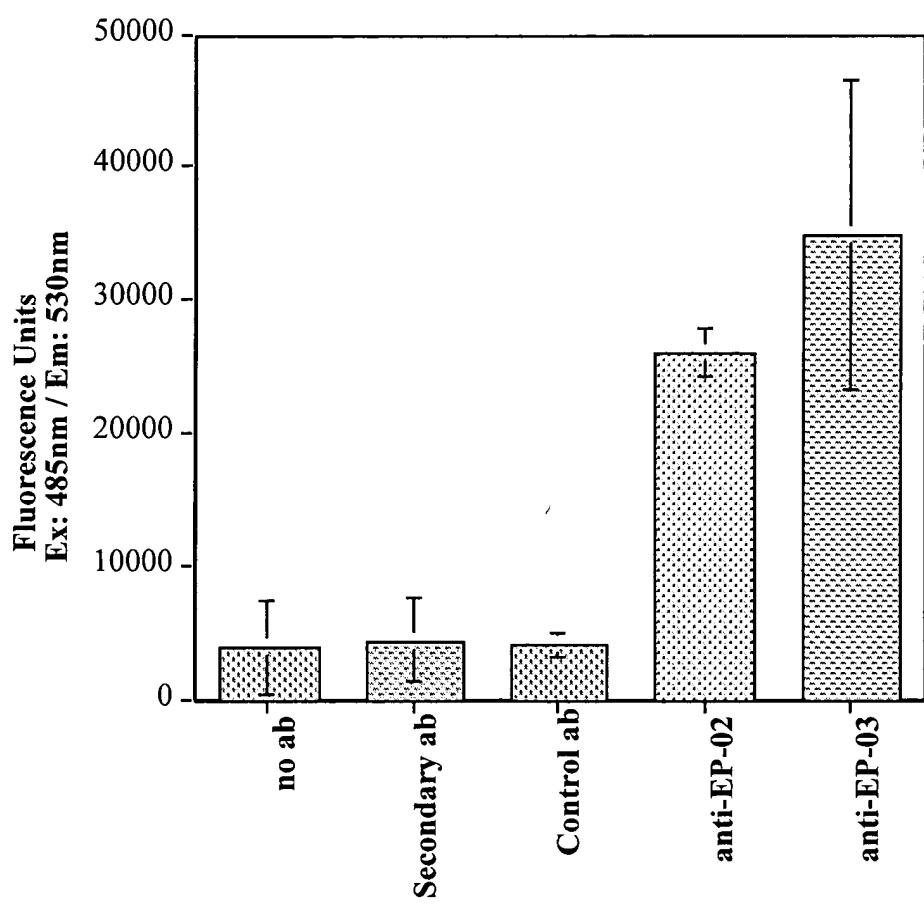


Figure 5

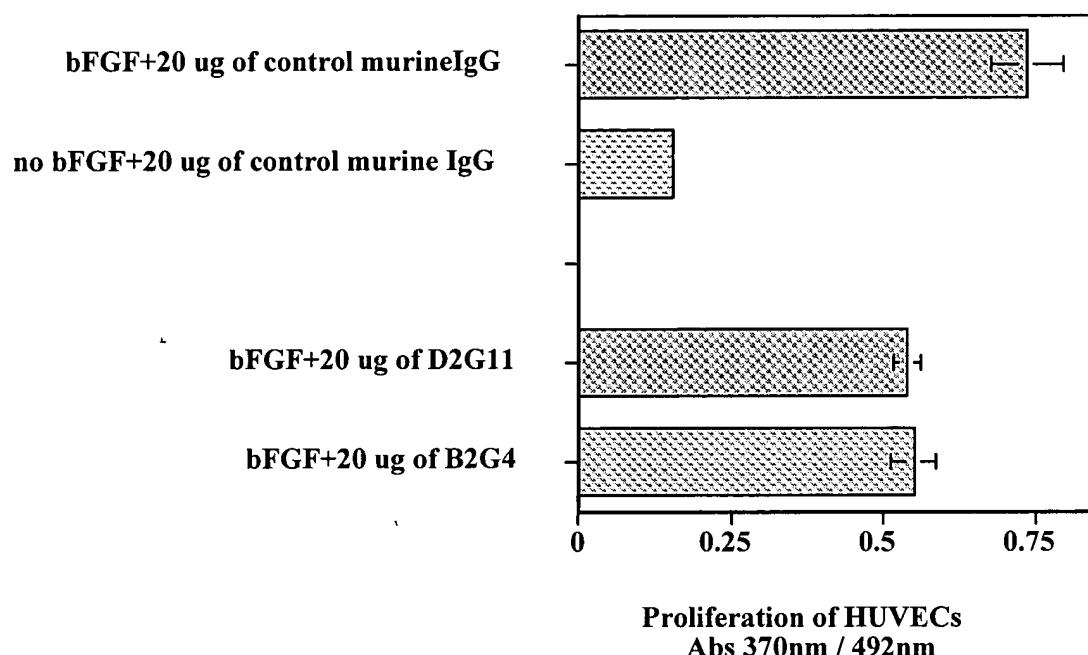


Figure 6

DNA Sequence for V_H (SEQ ID NO:8)

GAGGTGAASGTGGTGGAAATCTGGGGGAGGCTTAGTGAAGCCTGGAGGGTCCCTGAAACT
CTCCTGTGCAGCCTCTGGATTCACTTCAGTAGCTATGCCATGTCTGGGTTGCCAGA
CTCCAGAGAAGAGGCTGGAGTGGTCGCATCCATTAGTAGTGGTGGTAGCACCTACTAT
CCAGACAGTGTGAAGGGCCGATTCAACCATCTCCAGAGATAATGCCAGGAACATCCTGTA
CCTGCAAATGAGCAGTCTGAGGTCTGAGGACACGCCATGTATTACTGTGCAAGAGGCC
TACCATTGCTTACTGGGCCAAGGGACTCTGGTCACTGTCTGCAGAGAGTCAGTCC
TTCCCAAATGTC

Amino Acid Sequence for V_H (SEQ ID NO:20)

10	20	30	40	50
EVXVVESGGG	LVKPGGSLKL	SCAASGFTFS	<u>SYAMSWVRQT</u>	<u>PEKRLEWVAS</u>
60	70	80	90	100
<u>ISSGGSTYYP</u>	<u>DSVKGRFTIS</u>	RDNARNILYL	QMSSLRSEDT	<u>AMYCCARGLP</u>
110	122			
<u>FAYWGQQGTLV</u>	TVSAESQSFP	NV		

Figure 7

DNA Sequence for V_L (SEQ ID NO:9)

GATATTGTGATgACaCAATCTACAGCTTCTTAGCTGTATCTCTGGGGCAGAGGGCCAC
CATCTCATGCAGGGCCAGCCAAAGTGTCACTAGCTATAGTATATGCACTGGT
ACCAACAGAACCAAGGACAGCCACCCAAACTCCTCATCAAGTATGCATCCAACCTAGAA
TCTGGGTCCCTGCCAGGTTCACTGGCAGTGGCTGGGACAGACTCACCCCTAACAT
CCATCCTGTGGAGGAGGAGGATACTGCAACATATTACTGTCAGCACAGTTGGGAGATTG
CGCTCACGTTGGTGTGGACCAAGCTGGAGCTGAAACGGGCTGATGCTGCACCAACT
GTATCC

Amino Acid Sequence for V_L (SEQ ID NO:21)

10	20	30	40	50
DIVMTQSTAS	LAVSLGQRAT	<u>ISCRASQSVS</u>	<u>TSSYSYMHWY</u>	QQKPGQPPKL
60	70	80	90	100
<u>LIKYASNLES</u>	GVPARFSGSG	SGTDFTLNIH	PVEEEDTATY	YCQHSWEIPL
110	120			
<u>TFGAGTKLEL</u>	KRADAAPTVS			